DEPARTMENT OF TRANSPORTATION

Federal Transit Administration

Preparation of an Environmental Impact Statement for High-Capacity Transit Improvements in the Leeward Corridor of Honolulu, Hawai'i

AGENCY: Federal Transit Administration, DOT.

ACTION: Notice of Intent to prepare an Environmental Impact Statement (EIS).

SUMMARY: The Federal Transit Administration (FTA) and the City and County of Honolulu, Department of Transportation Services (DTS) intend to prepare an EIS on a proposal by the City and County of Honolulu to implement a fixed-guideway transit system in the corridor between Kapolei and the University of Hawai'i at Mānoa ~~and~~ with a spur to Waikīkī. Alternatives proposed to be considered in the draft EIS include No Build and several Fixed Guideway Transit alternatives of varying technology. Other ~~transit~~ alternatives may be identified during the scoping process. This notice of intent supersedes ~~supplements~~ the notice published December 7, 2005 and announces ~~additional~~ a scoping process specific to the scope of the EIS.

The EIS will be prepared to satisfy the requirements of the National Environmental Policy Act of 1969 (NEPA) and its implementing regulations. The FTA and DTS request public and interagency input on the purpose and needs to be addressed by the project, the alternatives to be considered in the EIS, and ~~the scope of the EIS for the corridor, including~~ the environmental and community impacts to be evaluated.

DATES: *Scoping Comments Due Date*: Written comments on the scope of the NEPA review, including the project's purpose and need, the alternatives to be considered, and the related impacts to be assessed, should be sent to DTS by March 30, 2007. See **ADDRESSES** below.

Scoping Meetings*:* Meetings to accept comments on ~~the proposed alternatives,~~ scope of the EIS~~, and purpose and needs to be addressed by the alternatives~~ will be held on March 19 and

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20, 2007 at the locations given in **ADDRESSES** below. On March 19, 2007, the public scoping meeting will begin at 7:00 p.m. and continue until 9:00 p.m. or until all who wish to provide oral comments have been given the opportunity. The meeting on March 20, 2007 will begin at 5:00 p.m. and continue until 8:00 p.m. or until all who wish to provide oral comments have been given the opportunity. The locations are accessible to people with disabilities. A court reporter will record oral comments. Forms will be provided on which to provide written comments. Project staff will be available at the meeting to informally discuss the EIS scope and the proposed project. Governmental agencies are also invited to a separate scoping meeting to be held on March 19, 2007 from 10:00 a.m. until 12:00 p.m. Further project information will be available at the scoping meetings and may also be obtained by calling (808) 566-2299, by downloading from www.honolulutransit.org, or by e-mailing info@honolulutransit.org.

ADDRESSES: Written comments on the scope of the EIS, including the project's purpose and need, the alternatives to be considered, and the related impacts to be assessed, should be sent to ~~both~~ the Department of Transportation Services, City and County of Honolulu, 650 South King Street, 3rd Floor, Honolulu, HI, 96813, Attention: Honolulu High-Capacity Transit Corridor Project, or by the internet at www.honolulutransit.org~~, and Ms. Donna Turchie, Federal Transit Administration, Region IX, 201 Mission Street, Suite 1650, San Francisco, CA 94105 or by email: Donna.Turchie@fta.dot.gov~~.

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The scoping meetings will be held at the Kapolei Hale at 1000 Uluohia Street, Honolulu, HI <zipcode> on March 19, 2007 from 7:00 p.m. to 9:00 p.m. and at McKinley High School at 1039 South King Street, Honolulu, HI <zipcode> on March 20, 2007 from 5:00 p.m. to 8:00 p.m.

FOR FURTHER INFORMATION CONTACT: ~~The FTA contact is~~ Ms. Donna Turchie, Federal Transit Administration, Region IX, 201 Mission Street, Room 1650, San Francisco, CA, 94105, Phone: (415) 744-2737, Fax: (415) 744-2726.

SUPPLEMENTARY INFORMATION:

I. Background

On December 7, 2005, FTA and DTS issued a notice of intent to prepare an EIS, of which the draft EIS would be combined with a planning Alternatives Analysis. FTA and DTS subsequently found that unresolved planning issues warranted further planning study before the initiation of the NEPA process.

The DTS has now completed a~~n~~ planning Alternatives Analysis in accordance with 49 United States Code (U.S.C.) §5309 as amended by the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) (Pub. L. 109-59, 119 Stat. 1144), ~~(AA)~~ evaluating transit alternatives in the corridor ~~between~~ from Kapolei ~~and~~ to the University of Hawai'i at Mānoa and to Waikīkī. That planning Alternatives Analysis is available on the project's Web site at www.honolulutransit.org. ~~Ordinance No. 07-001, which was signed into law on January 6, 2007,~~ The O'ahu Metropolitan Planning Organization (OMPO) and the Honolulu City Council have establishe~~d~~s a fixed-guideway transit system connecting Kapolei and University of Hawai'i at Mānoa, with a spur to ~~and~~ Waikīkī, as the locally preferred alternative. ~~The ordinance authorizes the planning and engineering of a financially constrained fixed guideway project within the corridor limits following an alignment defined in the ordinance. At the beginning of the AA process, FTA and DTS issued a notice of intent to~~

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~~prepare the AA and a draft EIS.~~ This notice ~~of intent supplements~~ supersedes the notice published on December 7, 2005 and announces ~~additional~~ scoping specific to the scope of the EIS.

II. Scoping

The FTA and DTS invite all interested individuals and organizations, and federal, state, and local agencies and Native Hawai'ian organizations, to comment on the project's purpose ~~of~~ and need, ~~for the project, project~~ the alternatives to be considered, and the impacts to be evaluated. ~~scope of the EIS.~~ During the scoping process, comments ~~should focus~~ on the proposed statement of purpose ~~of~~ and need ~~for the project, identifying specific public transportation problems to be evaluated~~ should address its completeness and adequacy, and comments on the ~~,~~ ~~or on proposing public transportation~~ alternatives should propose additional alternatives that would satisfy the purpose and need at ~~may be~~ less cost~~ly~~ or with greater ~~, more~~ effectiveness~~,~~ or ~~have fewer~~ less environmental impact~~s while improving mobility in the corridor.~~ At this time, comments should not focus on a preference for a particular alternative. The opportunity for that type of input will be after the release of the draft EIS.

Following the public scoping process, public outreach activities with interested parties or groups will continue throughout the duration of work on the EIS. ~~will occur.~~ The project ~~w~~Web site, www.honolulutransit.org, will be updated periodically to reflect the status of the project. Additional opportunities for public participation will be announced through mailings, notices, advertisements, and press releases. Those wishing to be placed on the project mailing list may do so by registering on the ~~w~~Web site at www.honolulutransit.org, or by calling (808) 566-2299.

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III. Description of Study Area

The proposed project study area is the travel corridor between Kapolei and the University of Hawai'i at Mānoa (UH Mānoa) and Waikīkī. This narrow, linear corridor is confined by the Wai'anae and Ko'olau mountain ranges to the north (mauka direction) and the ocean to the south (makai direction). The corridor includes the majority of housing and employment on O'ahu. The 2000 census indicates that 876,200 people live on O'ahu. Of this number, over 552,000 people, or 63 percent, live within the corridor between Kapolei and Mānoa/Waikīkī. This area is projected to absorb 69 percent of the population growth projected to occur on O'ahu between 2000 and 2030, resulting in an expected corridor population of 776,000 by 2030. Over the next twenty-five years, the 'Ewa/Kapolei area is projected to have the highest rate of housing and employment growth on O'ahu. The 'Ewa/Kapolei area is developing as a "second city" to complement downtown Honolulu. The housing and employment growth in 'Ewa is identified in the General Plan for the City and County of Honolulu.

IV. Purpose and Need

The purpose of the Honolulu High-Capacity Transit Corridor Project is to provide fixed-guideway transit on exclusive right-of-way in the highly congested east-west transportation corridor between Kapolei and the University of Hawai'i at Mānoa, as specified in the 2030 O'ahu Regional Transportation Plan (ORTP). The project would provide faster, more reliable public transportation services in the corridor than those currently operating in mixed-flow traffic. The project would also provide an alternative to private automobile travel and improve linkages within the corridor. Implementation of the project, in conjunction with other improvements

included in the ORTP, would moderate anticipated traffic congestion in the corridor. The project also supports the goals of the O'ahu General Plan and the ORTP by serving areas designated for urban growth. ~~and the City and County of Honolulu ordinance signed into law on January 6, 2007 to provide fixed-guideway transit between Kapolei and University of Hawai'i at Mānoa and Waikīkī.~~

The existing transportation infrastructure in the corridor between Kapolei and UH Mānoa is overburdened handling current levels of travel demand. Motorists and transit users experience substantial traffic congestion and delay at most times of the day, both on weekdays and on weekends. Average weekday peak-period speeds on the H-1 Freeway are currently less than 20 mph in many places and will degrade even further by 2030. Transit vehicles are caught in the same congestion. Travelers on O'ahu's roadways currently experience 51,000 vehicle hours of delay, a measure of how much time is lost daily by travelers stuck in traffic, on a typical weekday. This measure of delay is projected to increase to more than 71,000 daily vehicle hours of delay by 2030, assuming implementation of all of the planned improvements listed in the ORTP (except for a fixed guideway system). Without these improvements, the ORTP indicates that daily vehicle-hours of delay could increase to as much as 326,000 vehicle hours.

Currently, motorists traveling from West O'ahu to Downtown Honolulu experience highly-congested traffic conditions during the a.m. peak period. By 2030, after including all of the planned roadway improvements in the ORTP, the level of congestion and travel time are projected to increase further. Average bus speeds in the corridor have been decreasing steadily as congestion has increased. "TheBus" travel times are projected to increase substantially through 2030. Within the urban core, most major arterial streets will experience increasing peak-period congestion, including Ala Moana Boulevard, Dillingham Boulevard, Kalākaua Avenue, Kapi'olani Boulevard, King Street, and Nimitz Highway. Expansion of the roadway system

between Kapolei and UH Mānoa is constrained by physical barriers and by dense urban neighborhoods that abut many existing roadways. Given the current and increasing levels of congestion, a need exists to offer an alternative way to travel within the corridor independent of current and projected highway congestion.

As roadways become more congested, they become more susceptible to substantial delays caused by incidents, such as traffic accidents or heavy rain. Even a single driver unexpectedly braking can have a ripple effect delaying hundreds of cars. Because of the operating conditions in the study corridor, current travel times are not reliable for either transit or automobile trips. To get to their destination on time, travelers must allow extra time in their schedules to account for the uncertainty of travel time. This lack of predictability is inefficient and results in lost productivity. Because the bus system primarily operates in mixed-traffic, transit users experience the same level of travel time uncertainty as automobile users. A need exists to reduce transit travel times and provide a more reliable transit system.

Consistent with the General Plan for the City and County of Honolulu, the highest population growth rates for the island are projected in the ʻEwa Development Plan area (comprised of the ʻEwa, Kapolei and Makakilo communities), which is expected to grow by 170 percent between 2000 and 2030. This growth represents nearly 50 percent of the total growth projected for the entire island. The more rural areas of Waiʻanae, Wahiawā, North Shore, Windward, Waimānalo, and East Honolulu ~~areas~~ will have much lower population growth of between zero and 16 percent if infrastructure policies support the planned growth in theʻEwa Development Plan area. ~~because of this policy. This keeps the country "country".~~ Kapolei, which is developing as a "second city" to Downtown Honolulu, is projected to grow by nearly 600 percent to 81,100 people, the ʻEwa neighborhood by 100 percent, and Makakilo by 125 percent between 2000 and 2030. Accessibility to the overall ʻEwa Development Plan area is currently severely impaired by

the congested roadway network, which will only get worse in the future. This area is less likely to develop as planned unless it is accessible to Downtown and other parts of O'ahu; therefore, the 'Ewa, Kapolei, and Makakilo area needs improved accessibility to support its future growth as planned.

Many lower-income and minority workers live in the corridor outside of the urban core and commute to work in the Primary Urban Center Development Plan area. Many lower-income workers also rely on transit because of its affordability. In addition, daily parking costs in Downtown Honolulu are among the highest in the United States, further limiting this population's access to Downtown. Improvements to transit capacity and reliability will serve all transportation system users, including moderate- low-income ~~and under represented~~ populations.

~~The City and County of Honolulu Council passed Bill 79 on December 22, 2006, which was signed into law by the Mayor on January 6, 2007, becoming Ordinance 07-001, selecting a fixed-guideway transit system connecting Kapolei and University of Hawai'i at Mānoa and Waikīkī. The ordinance authorizes the City to proceed to planning and engineering a fixed-guideway project within the limits, and following the alignment, defined in the ordinance. Also, the project must be fiscally constrained to anticipated funding sources. In addition to city ordinance, the 2030 ORTP includes construction of a rail transit system between Kapolei and University of Hawai'i at Mānoa and Waikīkī and restructuring of the service provided by TheBus to optimize overall transit operations.~~

V. Alternatives

The alternatives proposed for evaluation in the EIS were developed through a~~n~~ planning Alternatives Analysis ~~AA process~~ that resulted in selection of a Transit Fixed Guideway

Alternative as the locally preferred alternative (LPA). FTA and DTS propose to consider the following alternatives:

- Future No Build Alternative, which would include existing transit and highway facilities and planned transportation projects (excluding the proposed project) anticipated to be operational by the year 2030. Bus service levels consistent with existing transit service policies is assumed for all areas within the project corridor under the Future No-Build Alternative.

- Fixed-Guideway Alternatives, which would include the construction and operation of a fixed transit guideway system in ~~a portion of~~ the corridor between Kapolei and UH Mānoa with a spur to ~~and~~ Waikīkī. The draft EIS would consider four distinct transit technologies: light rail transit, rubber-tired vehicles on an automated guideway, a magnetic levitation system, and a monorail system. Comments on reducing the range of technologies under consideration are encouraged. Two alignment alternatives are under consideration. Both alignment alternatives would operate, for the most part, on a transit-guideway structure elevated above the roadway, with some sections at grade. Both alignment alternatives generally follow the route: <name major roadways for the MOS>. Both alignment alternatives would have a future extension from downtown Honolulu to UH Mānoa with a future spur to Waikīkī, and a future extension at the Ewa (western) end to Kalaeloa Boulevard in Kapolei. The second alignment alternative would have an additional loop in the Salt Lake area with a fork in the alignment at <where> that rejoins at <where>. ~~A range of alignments in this corridor were identified as the LPA by the Honolulu City Council. The Fixed Guideway Alternative includes a portion of the LPA identified as the Minimum Operable Segment (MOS) by the Honolulu City Council, which may be~~

~~constructed within reasonably anticipated financial constraints and demonstrates logical termini and independent utility.~~

- ~~The fixed guideway will begin in the vicinity of the planned University of Hawai'i West O'ahu campus and extend to Ala Moana Center, serving Leeward Community College, Aloha Stadium, Honolulu International Airport, Honolulu Community College, Downtown Honolulu, and places in between.~~ The Build alternatives also includes the construction of a vehicle maintenance facility, transit stations and ancillary facilities such as park-and-ride lots and traction-power substations, ~~,~~ and the modification and expansion of bus service to maximize overall efficiency of transit operation.

~~After appropriate public involvement and interagency coordination, o~~Other reasonable alternatives suggested during the scoping process may be added if they ~~are found to be environmentally acceptable, financially feasible,~~ were not previously evaluated and eliminated for good cause on the basis of the Alternatives Analysis ~~during the AA process,~~ and are consistent with the project's purpose ~~of~~ and need. ~~for major public transportation improvements in the corridor.~~ The planning Alternatives Analysis is available for public and agency review on the project Web site at www.honolulutransit.org. It is also available for inspection at the project office by calling (808) 566-2299 or by e-mailing info@honolulutransit.org.

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VI. Probable Effects

The EIS will evaluate and fully disclose the environmental consequences of the construction and operation of a fixed guideway transit system on O'ahu. The EIS will evaluate the impacts of

all reasonable alternatives on land use, zoning, residential and business displacements, parklands, economic development, community disruptions, environmental justice, aesthetics, ~~air quality,~~ noise ~~and vibration~~, wildlife, vegetation, ~~threatened and~~ endangered species, farmland, water quality, wetlands, waterways, floodplains, ~~energy,~~ hazardous waste materials, and cultural, historic, and archaeological resources. ~~Impacts to parklands and historic resources covered by Section 4(f) of the 1966 U.S. Department of Transportation Act also will be addressed.~~

~~—~~To ensure that all significant issues related to this proposed action are identified and addressed, scoping comments and suggestions on issues of environmental or community impact are invited from all interested parties. Comments and questions should be directed to the DTS ~~and FTA~~ as noted in the **ADDRESSES** section above.

VII. FTA Procedures

~~Preparation of the EIS follows completion of an AA that evaluated a range of reasonable alternatives and the selection of an LPA.~~ The EIS will be prepared in accordance with~~:~~ the National Environmental Policy Act of 1969 (NEPA), as amended, and its implementing regulations by the Council on Environmental Quality (CEQ) ~~regulations~~ (40 CFR parts 1500-1508) and by ~~;~~ the FTA and ~~/~~Federal Highway Administration (~~'s~~ "Environmental Impact and Related Procedures" at ~~regulations (~~23 CFR part 771). ~~; and Federal transit law (49 USC chapter 53) and its implementing regulations for major capital improvements (49 CFR part 611)~~. In accordance with FTA regulation and policy, the NEPA process will also address the requirements of other applicable environmental laws, regulations, and executive orders, including, but not limited to:~~such as~~ Federal transit laws (49 USC 5301(e), 5323(b), and 5324(b), Section 106 of the National Historic Preservation Act ~~of 1966, as amended~~, Section 4(f)

("Protection of Public Lands") of the ~~1966~~ U.S. Department of Transportation Act (49 U.S.C. §303), Section 7 of the Endangered Species Act, and the Executive Orders on ~~Environmental Stewardship and Transportation Infrastructure Project Reviews,~~ Environmental Justice, Floodplain Management, and Protection of Wetlands.

~~DTS will apply for FTA approval to advance the MOS to the Preliminary Engineering phase (PE) of project development after the end of the Scoping comment period. Subject to FTA's approval to initiate PE, a draft EIS will be prepared. The draft EIS will be available for public and agency review and comment, and a public hearing will be held. Based on the draft EIS comments received, the final EIS will be prepared.~~

Issued on: _____

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Leslie T. Rogers

Regional Administrator